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Complete If Known Application Number 10/644237 Filing Date August 20, 2003 First Named Inventor SATOKO IWATO Group Art Unit 1751 Examiner Name UNKNOWN **Attorney Docket Number** CH2894USNA

			U.S. PAT	ENT DOCUMENTS	
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
initials*	No.1	CountryCode ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	Ts
PIL	1	WO 0231062 A2	18-04-02	lwato et al		
PL	2	WO 0190267 A2	29-11-01	lwato et al		
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Examiner Signature	Part Kan	Date Considered	1/5/0	6

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INFORMATION DIS	CLOSURE.
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Complete if Known NEW **Application Number** 08/20/2003 Filing Date First Named Inventor Satoko Iwato Group Art Unit Examiner Name Attorney Docket Number CH2894 US NA

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Number 4,648,9 4,757,1 4,990,3 5,196,0 5,274,1 5,442,0 5,547,7 5,550,1 5,644,0 5,739,3	Kind Code ² (If known) 804 106 877 954 159 911 711 1884 914	Name of Per Mirch	atentee or Applicant ited Document asquale et al flayer et al Wilson hmuck et al ellerite et al Halling hmeyer et al Halling chmidt et al sumura et al	Date of Publication of Cited Document MM-DD-YYYY 03-10-1987 07-12-1988 02-05-1991 03-23-1993 12-1993 08-15-1995 08-20-1996 08-27-1996 07-01-1997 04-19-1998	Passages or Relevant Figures Appear
Number 4,648,9 4,757,1 4,990,3 5,196,0 5,274,1 5,442,0 5,547,7 5,550,1 5,644,0 5,739,3	Kind Code ² (If known) 804 106 877 954 159 911 711 1884 914	Name of Per Mirch	atentee or Applicant ited Document asquale et al flayer et al Wilson hmuck et al ellerite et al Halling hmeyer et al Halling chmidt et al sumura et al	Date of Publication of Cited Document MM-DD-YYYY 03-10-1987 07-12-1988 02-05-1991 03-23-1993 12-1993 08-15-1995 08-20-1996 08-27-1996 07-01-1997 04-19-1998	Passages or Relevant Figures Appear
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5,644,0 5,739,3	014 369	Mat	chmidt et al sumura et al	04-19-1998	
5,883,1	85	Mat	sumura et al	03-16-1999	
				7	
		FOREIGI	N PATENT DOC	UMENTS	
For	reign Patent Do		Name of Patentee		Pages, Columns, Lines,
Office ³	Number ⁴	Kind Code ⁵ (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	
EP	0 748 357	B1	Halling	06-16-1999	
JР	Hei11- 181355	Α	Takahashi et al	07-08-1999	English translation
JP	08 248259		Kuwata Satoshi	06-09-1884	English Abstract
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